CLAIMS ONLY

SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS I	FILED	AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	OEP.
10/	1					
2	,					
3						
4						<u> </u>
5						
6		<u>L</u>		1		
7						
88]
9		L			L	ļ
10						
11				ļ		<u> </u>
12						<u> </u>
13						<u> </u>
14					ļ	
15				1	ļ	
16		<u> </u>		ļ	ļ	
17					ļ	
18		<u> </u>				
19		<u>. </u>				
20						
21					ļ	
22						ļ
23			ļ .	_		
24					<u> </u>	
25			ļ			
26				ļ		
27				ļ		<u> </u>
28			ļ		ļ <u>.</u>	
29						<u> </u>
30						
31			ļ		!	-
32		-	ļ			
33			ļ	ļ	<u> </u>	
34		 	-	<u> </u>		
35			ļ	-		ļ
36			<u> </u>		ļ	
37 38			 	ļ	ļ	<u> </u>
39			 	<u> </u>	 -	
40			 			
41						
42						-
43						
43						
45		-				
46	-					
47						
48		_				ļ
48			-			
50 TOTAL			_			
IND.				_1		1
TOTAL DEP.		-		-		-
TOTAL						

ıs							
		*		*		1 *	
			,				
		IND.	DEP.	IND.	DEP.	IND.	DEP.
	51		<u> </u>				<u></u>
	52						
	53	L					<u> </u>
	54	L		L			
	55						
	56			<u> </u>			
	57			<u> </u>			
	58			ļ			
	59			-		ļ	ļ
	60						
	61						ļ
	62			<u> </u>			ļ
	63			<u> </u>		ļ	
	64			_			
	65	ļ	-	 			
	66		-	-			
	67	 	 				
l	68	 				-	-
ł	69	<u> </u>	 	<u> </u>		ļ	
	70	 					
	71 72	 	ļ				
			<u> </u>	 		 	
	73 74	 	ļ <u></u>	-			
		<u> </u>					
	75 76	 		1			
	77	-		├	-		
	78	-	<u> </u>	 	-		
	79			 			
	80			 		-	
	81			 		BES	
1	82			<u> </u>	<u> </u>	M	<u> </u>
	83			·	-	(∕),	
	84			<u> </u>		-	
	85			<u> </u>		70	
1	86			ļ		4	
١	87					2	
	88	1				AVAIL	-
1	89	•			1	1	
-	90					<u> </u>	
1	91						1
-	92					- 17	*
إ_	93					(<u></u>
-	94						D^{-}
	95						70
	96						Z
	97						
	98						
	99						
	100						
	TOTAL IND.		1				,
Ì	TOTAL		—	— —	—		•
ŀ	DEP. TOTAL CLAIMS						
L	CLAIMS			لـــــــا			

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office

SERIAL NO. FILING DATE **CLAIMS ONLY** APPLICANT(S) CLAIMS AFTER 1st AMENDMENT AFTER 2nd AMENDMENT AS FILED DEP. IND. DEP. DEP. DEP. DEP. 7.31 Z 90 TOTAL IND. TOTAL IND. TOTAL DEP. TOTAL DEP. * MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office FORM PTO-2022 (1-98)

CLAIMS ONLY

SERIAL NO. FILING DATE

CLAIMS

APPLICANT(S)

	ASF	FILED	AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT		
	IND.	DEP.	IND.	DEP.	IND.	DEP.	1
1							1
2							1
3							1
4							1
5							1
3()6	1						1
7	T		<u> </u>				1
- 8]
9							1
310							1
′ 11							
12	<u> </u>						
13				ļ			
14]
3 15	/_	ļ	ļ		_]
16	<u> </u>						1
17	L			ļ			1
18	<u> </u>	ļ	ļ				1
19			<u> </u>				1
20	<u> </u>	<u> </u>	<u> </u>				1
21	<u> </u>						1
22	ļ		<u> </u>				1
23	ļ	ļ	ļ	ļ			1
24	 		<u> </u>				1
25	ļ						1
26			<u> </u>				1
27	<u> </u>	ļ					1
28	1		ļ				1
29	<u> </u>						1
30	<u> </u>						1
31	 		-				1
32	ļ	ļ	<u> </u>				4
33	ļ			ļ <u>.</u>			1
34	ļ	ļ					1
35	ļ		 				1
36	 , _		<u> </u>				1
337			-				1
38 39	 		 				1
40	 		 				ł
40	 		 				1
41							ł
43	 						ł
43		minima un sint 1	~~				ŀ
45	 		ļ				1
46	 						ł
	 						ł
⁷ 47 48				-			ł
49							l
50				-			1
TOTAL	7.7						ı
IND.	ZZ			_# [l
TOTAL DEP.	325	-		_	_	•	
TOTAL CLAIMS	347						i

-		*	_	*		1*	
		*		*		*	
		IND.	DEP.	IND.	OEP.	IND.	DEP.
L	51						
	52						
L	53						
	54						
	55			1			1
	56						
L	57						
L	58						
L	59						
L	60						Γ.
	61						
L	62						1
L	63						
L	64						
L	65						
L	66						
L	67						
<u> </u>	68						
L	69			<u> </u>			
\perp	70						
	71	ļ_					
\perp	72	<u> </u>					
L	73						
\perp	74	ļ				<u> </u>	<u></u>
L	75			<u> </u>			
L	76			ļ			
L	77	ļ <u>.</u>		ļ			
\vdash	78	<u> </u>		ļ	<u> </u>		
\vdash	79			<u> </u>			
\vdash	80						
\vdash	81			ļ			
\vdash	82	L		<u> </u>			
\vdash	83					ļ	
\vdash	84			L	<u> </u>		
\vdash	85			<u> </u>	ļ		ļ
-	86						
<u> </u>	87	ļ			<u> </u>	<u> </u>	<u> </u>
\vdash	88	 		 		<u> </u>	-
\vdash	89	├			 	 	
\vdash	90	 			 	ļ	<u> </u>
\vdash	91					<u> </u>	
-	92	 - 		 	<u> </u>	 	
⊱	93 94	<u> </u>		<u> </u>			
\vdash	95			 		ļ	ļ
\vdash	95 96	-		 			ļ
\vdash	97						
\vdash	98			ļ			
H	98			-			
\vdash	100						
_	DTAL						
L	ND.		1		_ 1		ı
1 (OTAL DEP.		-		-		— 1
Ti	OTAL AIMS						
	CIRID				min man et		

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office

SERIAL NO. FILING DATE **CLAIMS ONLY** APPLICANT(S) CLAIMS AFTER 1st AMENDMENT AFTER 2nd AMENDMENT AS FILED IND. IND. DEP. DEP. DEP. IND. DEP. TOTAL IND. TOTAL IND. TOTAL DEP. TOTAL DEP. TOTAL * MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office FORM PTO-2022 (1-98)

Final	S 22 S Final S S S S S S S S S S S S S S S S S S S	
Final	2 51 7-7 =	Einal Signal Sig
·	251-200	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2	7 52 11 1	701/./2
) 52 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	130211111111111111111111111111111111111
	2 54	[]0α3 [] [] []
5	55	304
6	3 56	305
7	3 57	307
8	57 58 59 3 60 3 61	308
9	3 59	300
10	2 60	310
11	7 61	
12	3 62	B11 B12
13		1 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
14	2 64	1 214
15	.⊋65	7115
16	3 64 3 65 3 66 3 67	3161
17	€ 67	317
13	() 68	318
19	3 69 3 70	7319
20	70	B20
21	2 71	321
22	2 72	322
23	2 73	323
24	2 74	A24
25	7 71	325
26	2 76	326
27	2 77 1 1 1	327 () 3
28 29	2 78	328
30	79	7329
31	2 80	330
32	2 81	331
33	3 82	332
34	2 83 3 4 5 84	133
35	384	7934
36	3 85	135
37	7 86	336 0
38	, 2 87	3137 🖘
39	2 88	738
40	3 90 1	B 39
	5 90 7	740 =
42	(2 91)	<u>B</u> 42
43) 92) 93	B42
44	2 93	-R43
45	7 94	344 345
46	3 95 J	345
47		146
48	97	347/2
49	<u>5</u> 98 <u>5</u> 99	(348) =
50		<u> - 30(49)/ </u>
	3002	350 =
	•	. •

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)

BEST AVAILABLE COPY

The state of the	1 10 1 1 1 1 1 1 1 1	ا ا ا ا ا ا ا ا ا ا ا ا ا ا ا	1
1 1 1 1 1 1 1 1 1 1	lau ligin	la l	la l
1 1 1 1 1 1 1 1 1 1		1 1 0 2 0 1	iling in the second of the sec
1 1 1 1 1 1 1 1 1 1		1 5 7 0	10120
T	. - - - - - - - - - 	1 52 0	1 102 11
T	 - - - - - - - - - - - - - - - - - - -	1 58	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
T		1 54 1 1	
T	 		1 1005
10	 	(5b	1 106
10		. 57	1 2007 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10	├ ─ ├ 		1 208 1 1
11		1 59	1 200
12		1 ep	1 2011
16	_ 		261111111111111111111111111111111111111
16			212
16	 		D18
16		1 64	
16		1 65	1 215
16		1 66 1 1 1 1 1 1 1	[D16] N
19	 	1 67	DIFIN
1 7		1 [6]	118
1	├ ──┼┈┼┈┼┈┼┈┼ ╼ ╎╸ ┤	1 69	1)19
1	╟┈╎═┩┈ ┞┈╷ ┈┤╼┞┈╎╸╏╸╽╸╽╸	<mark> </mark>	120
1			1)21
1		1 72	
1			123
1			124
1			
28		1 75 0	126
30			
30		1 7B	128
33			1)29
33		1 80 1 1	320 0
33			(31)
34			132
35		1 88	133
36	┣╸┡╶╁╸╏┈╏╸╏ ╶╏╴╏	1 84	
37		1 80 1 1	
38	 		136 0
39	138	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
40	 		
41			
42			7140
45 95 144 145 146 147 148 149 14			
45 95 144 145 146 147 148 149 14	 		(1942)
45 95 144 145 146 147 148 149 14	44 + + + + + + + + + + + + + + + + + +		1143
46		1 9#1	044
1 96 1 97 48 49 1 98 1 148 1 148	1 46 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		745
48 99 148 149 149	 		;1146
49 99 148			147
[1)48
250 V. V =		Patty 31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14g \\\
			TOUX. V _

If more than 150 claims or 10 actions staple additional sheet here

BEST AVAILABLE COPY